

TKN/KS/16/5920

Bachelor of Science (B.Sc.) (Botany) Semester–VI
(C.B.S.) Examination
PLANT ECOLOGY, TECHNIQUES AND
ETHNOBOTANY
Paper—2

Time—Three Hours]

[Maximum Marks—50

N.B. :— (1) All questions are compulsory and carry equal marks.

(2) Illustrate your answers with well labelled diagrams and examples.

1. Write on :

- (a) Climatic regions of India
- (b) Principles of phytogeography. 5×2

OR

Write short notes on :

- (c) Deccan region
- (d) Endemics
- (e) Theory of Land bridge
- (f) Discontinuous species. 2.5×4

2. Write on :

- (a) Conservation of forest resources
- (b) Noise Pollution. 5×2

OR

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Contd.

Write short notes on :

- (c) Thermal Pollution
- (d) Non-renewable natural resources
- (e) Conservation of water resources
- (f) Agricultural Pollution. 2.5×4

3. Write on :

- (a) Principle and applications of Electrophoresis
- (b) Types of Chromatography. 5×2

OR

Write short notes on :

- (c) Applications of electron microscopy
- (d) Applications of centrifugation
- (e) Principle of spectroscopy
- (f) Fluorescent microscopy. 2.5×4

4. Write on :

- (a) Classification of ethnobotanical plants on the basis of uses.
- (b) Ethnic Societies of India. 5×2

OR

Write short notes on :

- (c) Branches of ethnobotany
- (d) Importance of ethnobotany
- (e) Ethno-medicinal plants (any **two**)
- (f) Wild plants used as Vegetables by tribals (any **two**) 2.5×4

5. Write in two or three lines only (any **ten**). (Diagrams are not necessary) :-

- (a) Climate
- (b) Gangetic plain
- (c) Wides
- (d) Renewable natural resources
- (e) Decibel
- (f) Pollutants
- (g) Rf value
- (h) SDS-PAGE
- (i) SEM
- (j) Tribal area
- (k) Ethnobotany
- (l) Narcotic. 1×10